

**ADDENDUM NO. 1
TO THE BID DOCUMENTS**

Project: Homer Harbor Facilities Improvements - 2014
Addendum Issue Date: November 26, 2013
Bid Date: **December 20, 2013, 2:00 PM (Friday)**
Previous Addenda Issued: None
Issued By: Dan Nelsen
Public Works Project Manager
City of Homer
Homer, AK 99603
dnelsen@ci.homer.ak.us

Bidders must acknowledge receipt of this addendum prior to the date set for bid opening by one of the following methods:

- (1) By acknowledging receipt of this addendum in the bid submitted, or
- (2) By telegram, facsimile (fax) or email, which includes a reference to the project and addendum number.

The bid documents require acknowledgement individually of all addenda to the drawings and/or specifications. This is a mandatory requirement and any bid received without acknowledgment of receipt of addenda may be classified as not being a responsive bid.

The bid documents for the above project are amended as follows (all other terms and condition remain unchanged):

ITEM 1 – Addition of sheet E1 to the (Ramp 3 Approach Replacement Plans)

The originally published Invitation to Bid did not include sheet E1 in the bid plans for the (Ramp 3 Approach Replacement). Attached to this addendum is the official plan sheet E1 for bidders use.

ITEM 2 – Local Bidder’s Preference

The Bid Advertisement and the Invitation to Bid of the bid documents for this project incorrectly indicate that Homer’s local bidder’s preference does not apply.

The City of Homer Alaska will be allowing a local bidder’s preference on this project. Below are the guidelines that will be in effect.

A local bidder preference shall be incorporated into the award of this contract based on the following criteria:

- A Bidder who maintains and operates a business within the boundaries of the City of Homer shall be considered the lower Bidder where its offer is:
 1. Not more than five percent (5%) higher than the lowest non-local bid up to five hundred thousand dollars (\$0 - \$500,000) or;

2. Not more than five percent (5%) higher than the lowest non-local bid on the first five hundred thousand dollars (\$500,000) and two and ½ percent (2.5%) higher than the lowest non-local bid on an amount greater than five hundred thousand dollars (\$500,000) to one million dollars (\$1,000,000). There will be no additional local bidder preference percentage for bid amounts exceeding one million dollars (\$1,000,000).
- A Bidder shall be deemed a Local Bidder who:
 1. Holds a current Alaska Business License to provide the services requested by this contract; and
 2. Submits a bid under the name appearing on the firm's current Alaska Business License; and
 3. Has maintained a place of business within the boundaries of the City of Homer for a period of at least six (6) months immediately preceding the date of the Bid and intends to permanently maintain such place of business in the future; and
 4. Is not delinquent in the payment of any taxes, charges, or assessments owed to the City of Homer on account of that business.

The City Manager may require such documentation or verification by the person or firm claiming to be a local bidder as deemed necessary to establish the qualifications stated in this section.

ELECTRICAL SPECIFICATIONS

SCOPE OF WORK – FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT FOR AN EXTENSION TO THE EXISTING SYSTEM AS INDICATED ON THE DRAWINGS AND IN THESE SPECIFICATIONS.

STANDARDS, CODES AND REGULATIONS – COMPLY WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE, UNIFORM BUILDING CODE, AND UNIFORM FIRE CODE AND THE NATIONAL ELECTRICAL SAFETY CODE INCLUDING ALL STATE AND LOCAL AMENDMENTS TO THESE CODES.

DRAWINGS – THE DRAWINGS ARE DIAGRAMMATIC, NOT NECESSARILY SHOWING ALL OFFSETS OR EXACT LOCATIONS OF FIXTURES, EQUIPMENT, ETC. UNLESS SPECIFICALLY DIMENSIONED. REVIEW THE DRAWINGS AND SPECIFICATIONS FOR EQUIPMENT FURNISHED BY OTHER CRAFTS BUT INSTALLED IN ACCORDANCE WITH THIS SECTION. BRING QUESTIONABLE OR OBSCURE ITEMS, APPARENT CONFLICTS BETWEEN PLANS AND SPECIFICATIONS, GOVERNING CODES OR UTILITIES REGULATIONS TO THE ATTENTION OF THE OWNER. CODES, ORDINANCES, REGULATIONS, MANUFACTURER’S INSTRUCTIONS OR STANDARDS TAKE PRECEDENCE WHEN THEY ARE MORE STRINGENT OR CONFLICT WITH THE DRAWINGS AND SPECIFICATIONS.

RECORD DRAWINGS – MARK UP A CLEAN SET OF DRAWINGS AS THE WORK PROGRESSES TO SHOW THE DIMENSIONED LOCATION AND ROUTING OF ALL ELECTRICAL WORK WHICH WILL BECOME PERMANENTLY CONCEALED. SHOW ROUTING OF WORK IN PERMANENTLY CONCEALED BLIND SPACES WITHIN THE BUILDING. SHOW COMPLETE ROUTING AND SIZING OF ANY SIGNIFICANT REVISIONS TO THE SYSTEMS SHOWN.

WORKMANSHIP – INSTALLATION OF ALL WORK SHALL BE MADE SO THAT ITS SEVERAL COMPONENT PARTS SHALL FUNCTION AS A WORKABLE SYSTEM COMPLETE WITH ALL ACCESSORIES NECESSARY FOR ITS OPERATION. ALL MATERIAL AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER’S RECOMMENDATIONS, INSTRUCTIONS AND/OR INSTALLATION DRAWINGS AND IN ACCORDANCE WITH NECA STANDARDS. MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL CONFORM WITH APPLICABLE INDUSTRY STANDARDS, NEMA STANDARDS AND UNDERWRITERS LABORATORIES STANDARDS WHERE APPLICABLE.

SUBMITTALS – PROVIDE MATERIAL AND EQUIPMENT SUBMITTALS CONTAINING A COMPLETE LISTING OF MATERIAL AND EQUIPMENT SHOWN ON THE DRAWINGS. INCLUDE CATALOG NUMBERS, WIRING DIAGRAMS, ROUGH-IN DIMENSIONS AND PERFORMANCE DATA FOR ALL MATERIAL AND EQUIPMENT. SUBMITTALS SHALL BE BOUND IN HARD COVER, LOOSELEAF BINDERS SEPARATE FROM WORK FURNISHED UNDER OTHER DIVISIONS. INDEX AND CLEARLY IDENTIFY ALL MATERIAL AND EQUIPMENT BY ITEM, NAME OR DESIGNATION USED ON THE DRAWINGS. SUBMITTAL REVIEW IS FOR GENERAL DESIGN AND ARRANGEMENT ONLY AND DOES NOT RELIEVE THE CONTRACTOR FROM ANY REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE SUBMITTALS ARE NOT CHECKED FOR QUANTITY, DIMENSION, OR FOR PROPER OPERATION. WHERE DEVIATIONS OF A SUBSTITUTE PRODUCT OR SYSTEM PERFORMANCE HAVE NOT BEEN SPECIFICALLY NOTED IN THE SUBMITTAL BY THE CONTRACTOR, PROVISIONS OF A COMPLETE AND SATISFACTORY WORKING INSTALLATION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

WARRANTY – THE CONTRACTOR SHALL GUARANTEE ALL WORK EXECUTED UNDER THIS CONTRACT TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM BENEFICIAL OCCUPANCY. ANY FAULTY MATERIALS OR WORKMANSHIP SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER DURING THE GUARANTEE PERIOD.

PERMITS – SECURE AND PAY FOR ALL FEES, PERMITS, ETC. REQUIRED BY LOCAL AND STATE AGENCIES.

REFERENCE SYMBOLS – THE ELECTRICAL “LEGEND” ON THE DRAWINGS IS A STANDARDIZED VERSION, AND ALL SYMBOLS SHOWN MAY NOT BE USED. USE THE “LEGEND” AS A REFERENCE FOR THE SYMBOLS USED ON THE DRAWINGS.

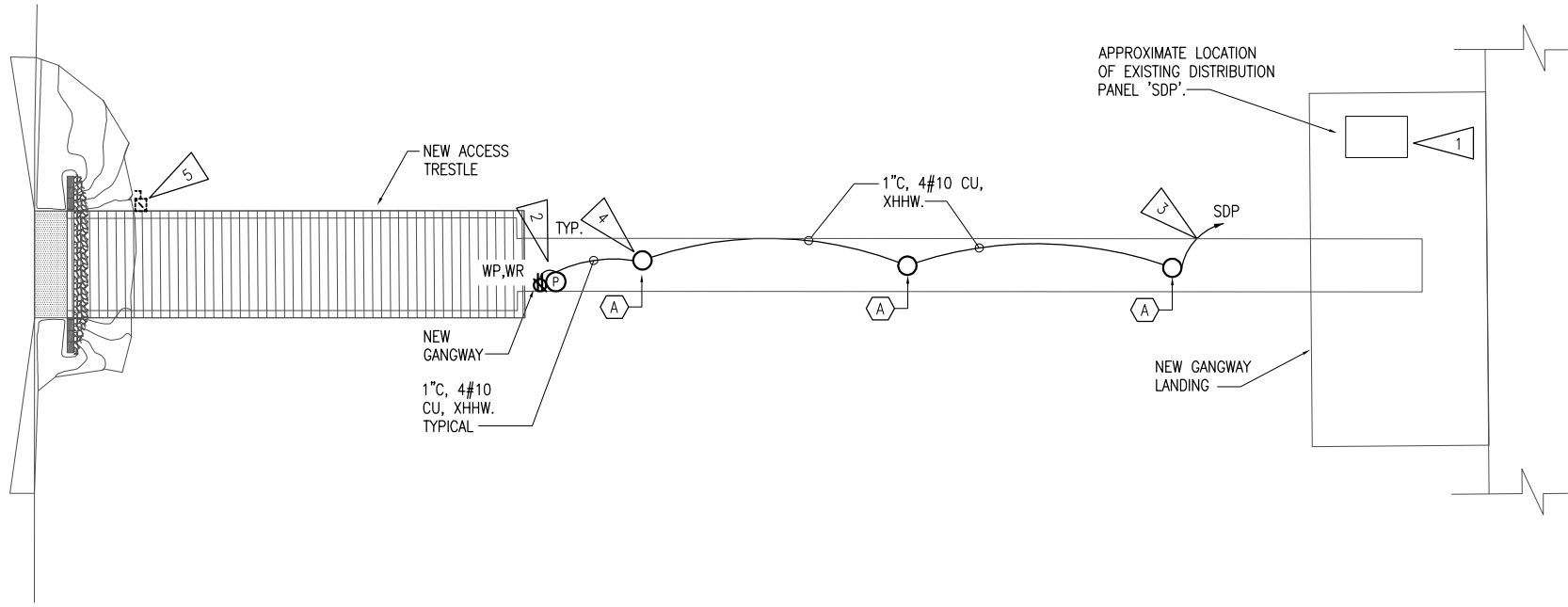
CONDUIT – INSTALL AN INSULATED EQUIPMENT GROUNDING CONDUCTOR IN ALL RACEWAYS. UTILIZE GALVANIZED RIGID STEEL FOR EXPOSED FEEDERS IN WET LOCATIONS. COMPLETELY AND THOROUGHLY SWAB RACEWAY SYSTEM BEFORE INSTALLING CONDUCTORS OR CABLES.

CONDUCTORS – ALL CONDUCTORS SHALL BE COPPER WITH TYPE XHHW, THWN, THW OR THHN INSULATION. PULL ALL CONDUCTORS INTO THE RACEWAY AT THE SAME TIME. COLOR CODE CONDUCTORS AS FOLLOWS: 120/208 VOLT SYSTEMS. USE PROPERLY SIZED INSULATED SPRING WIRE CONNECTORS WITH PLASTIC CAPS FOR ALL CONDUCTORS #8 AWG AND SMALLER.

DOCK/MARINE CABLE – CONDUCTOR: SOFT TINNED ANNEALED COPPER PER ASTM B-33, FLEXIBLE STRANDING. INSULATION: CHEMICALLY CROSS LINKED, NON-CHLORINATED THERMOSETTING FLAME RETARDANT POLYOLEFIN. INSULATED CONDUCTORS MEET FLAME TEST REQUIREMENTS OF IEEE 45 AND UL1309. UL TEMPERATURE RATING 110C 600V/IEC 1000V. JACKET/SHEATH: HEAVY DUTY ARCTIC GRADE NEOPRENE. JACKET MEETS FLAME TEST REQUIREMENTS OF IEEE 45, UL 1309 AND IEC 332-3 CAT. A/F. ARMOR: BASKET WEAVE WIRE ARMOR PER IEEE 45 AND UL 1309, BRONZE, ALUMINUM, OR TINNED COPPER.

PROVIDE PROTECTION FOR EXPOSED CABLES WHERE SUBJECT TO DAMAGE. USE SUITABLE CABLE FITTINGS AND CONNECTORS. FIELD INSPECTION AND TESTING WILL BE PERFORMED UNDER PROVISIONS OF DIVISION INSPECT WIRE AND CABLE FOR PHYSICAL DAMAGE AND PROPER CONNECTION. TORQUE CONDUCTOR CONNECTIONS AND TERMINATIONS TO MANUFACTURER’S RECOMMENDED VALUES. PERFORM CONTINUITY TEST ON ALL POWER AND EQUIPMENT BRANCH CIRCUIT CONDUCTORS. VERIFY PROPER PHASING CONNECTIONS.

MEASUREMENT AND PAYMENT: LUMP SUM.



1 GANGWAY LIGHTING PLAN
1" = 10'-0"

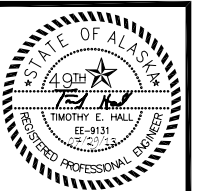
LIGHT FIXTURE SCHEDULE										
TYPE	LOCATION	MANUFACTURER AND CATALOG NUMBER (OR APPROVED EQUAL)	LUMINAIRE DESCRIPTION	MOUNTING		LAMPS		BALLAST		INPUT WATTS
				TYPE	HEIGHT	NO.	WATTS	NO.	TYPE	
A	GANGWAY	AZZ #SAFJ-06-L-U-LFG-C	COMPACT HAZARDOUS LOCATION LUMINAIRE, UL LISTED FOR SEVERE ENVIRONMENTS, CORROSION RESISTANT HOUSING & STAINLESS STEEL EXTERNAL HARDWARE. FROSTED GLOBE.	SURFACE	UNDER-SIDE OF GANGWAY	-	45 LED	1	120V-277V ELECTRONIC DRIVER	45

SHEET NOTES:

- PROVIDE NEW 20A, SINGLE-POLE CIRCUIT BREAKER IN CIRCUIT SPACE INDICATED. BREAKER SHALL BE LISTED FOR USE IN THE EXISTING PANEL AND MATCH THE AIC RATING OF THE LOWEST RATED DEVICE IN THE PANEL.
- PROVIDE AND INSTALL NEW RECEPTACLE AND PHOTOCELL 6" BELOW ROOF LEVEL, SEE CIVIL. PROVIDE WEATHERPROOF WHILE IN USE COVER WITH PADLOCK HASP FOR RECEPTACLE PHOTOCELL SHALL CONTROL OF NEW GANGWAY LUMINAIRES. MOUNT IN NORTH-FACING DIRECTION.
- PROVIDE 3/C #8 TYPE W MARINE CABLE FOR CONDUCTORS ROUTED ALONG FLOATS AND TRANSITION FROM GANGWAY.
- MOUNT FIXTURE TO UNDERSIDE OF CANOPY STRUCTURE, TYPICAL OF (3).
- COORDINATE WITH HOMER ELECTRICAL ASSOCIATION TO DE-ENERGIZE ELECTRICAL SERVICE TO THE ABANDONED DISCONNECT. REMOVE SWITCH AND CONDUCTORS, EXCAVATE AND CUT CONDUIT 30" BELOW NEW GRADE LEVEL. REMOVE CONDUIT FROM EXISTING ABOVE GRADE TERMINATION BACK TO NEW CUT AND ABANDON THE REMAINING BELOW GRADE CONDUIT IN PLACE.
- DEMOLISH ALL CONDUIT AND WIRING ON EXISTING TRESTLE.

LEGEND

○	LIGHT FIXTURE – SURFACE MTD
⬠	FIXTURE TAG (LETTER INDICATES TYPE)
⊙	PHOTOCELL
—	CONDUIT, CONCEALED
3 #10	NUMBER AND SIZE OF WIRES (NO MARKS = 3 #12)
A-2	HOMERUN TO PANEL (PANEL AND CIRCUIT No.)
1	NOTE TAG (No. INDICATES NOTE)
AFG	ABOVE FINISHED GRADE
C	CONDUIT
GRSC	GALVANIZED RIGID STEEL CONDUIT
LED	LIGHT EMITTING DIODE
NEC	NATIONAL ELECTRICAL CODE
TYP.	TYPICAL
WP	WEATHERPROOF
WR	WEATHER RESISTANT
⊕	GFCI PROTECTED RECEPTACLE



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**SMALL BOAT HARBOR
RAMP 3 GANGWAY LIGHTING
HOMER, ALASKA**

No.	Description	Date

Drawn By: **WKR** Credited By: **TEH**
Date: **JULY 29, 2013**
Phase: **100% DESIGN**
Project No: **L2176.10**
SHEET TITLE: **ELECTRICAL PLAN**

SHEET NO: **E1**